

PTO/SB/08a (07-09)

Approved for use through 07/31/2012. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/571,214-Conf. #2216
				Filing Date	March 9, 2006
				First Named Inventor	John E. Madocks
				Art Unit	1795
				Examiner Name	M. A. Band
Sheet	1	of	3	Attorney Docket Number	GPI-11602/38

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	AA*	US-6,911,779	06-28-2005	Madocks	
	AB*	US-2,146,025	02-01-1939	Penning	
	AC*	US-3,282,815	11-01-1966	Kay et al.	
	AD*	US-4,356,073	10-26-1982	McKelvey	
	AE*	US-4,407,894	10-04-1983	Kadokura et al.	
	AF*	US-4,445,997	05-01-1984	McKelvey	
	AG*	US-4,624,767	11-25-1986	Obinata	
	AH*	US-4,631,106	12-23-1986	Nakazato et al.	
	AI*	US-4,761,219	08-02-1988	Sasaki et al.	
	AJ*	US-4,767,516	08-30-1988	Nakatsuka et al.	
	AK*	US-4,784,739	11-15-1988	Kadokura et al.	
	AL*	US-4,842,683	06-27-1989	Cheng et al.	
	AM*	US-4,853,102	08-01-1989	Tateishi et al.	
	AN*	US-4,863,756	09-05-1989	Hartig et al.	
	AO*	US-4,874,497	10-17-1989	Matsuoka et al.	
	AP*	US-4,963,524	10-16-1990	Yamazaki	
	AQ*	US-5,000,834	03-19-1991	Yoshikawa	
	AR*	US-5,099,790	03-31-1992	Kawakami	
	AS*	US-5,135,819	08-04-1992	Ito et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

Examiner Signature	/Michael Band/	Date Considered	06/03/2010
-----------------------	----------------	--------------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08a (07-09)

Approved for use through 07/31/2012. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/571,214-Conf. #2216
				Filing Date	March 9, 2006
				First Named Inventor	
				Art Unit	1795
				Examiner Name	M. A. Band
Sheet	2	of	3	Attorney Docket Number	GPI-11602/38

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AT*	US-5,224,441	07-06-1993	Felts et al.	
	AU*	US-5,225,024	07-06-1993	Hanley et al.	
	AV*	US-5,328,583	07-12-1994	Kameyama et al.	
	AW*	US-5,364,665	11-15-1994	Felts et al.	
	AX*	US-5,437,725	08-01-1995	Schuster et al.	
	AY*	US-5,439,574	08-08-1995	Kobayashi et al.	
	AZ*	US-5,527,394	06-18-1996	Heinrich et al.	
	AA1*	US-5,627,435	05-06-1997	Jansen et al.	
	AB1*	US-5,874,807	02-23-1999	Neger et al.	
	AC1*	US-5,900,284	05-04-1999	Hu	
	AD1*	US-5,945,008	08-31-1999	Kisakibaru et al.	
	AE1*	US-6,066,826	05-23-2000	Yializis	
	AF1*	US-6,077,403	06-20-2000	Kobayashi et al.	
	AG1*	US-6,103,074	08-15-2000	Khominich	
	AH1*	US-6,190,496	02-20-2001	DeOrnellas et al.	
	AI1*	US-6,287,687	09-11-2001	Yializis et al.	
	AJ1*	US-6,819,053	11-16-2004	Johnson	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>

Examiner Signature	/Michael Band/	Date Considered	06/03/2010
--------------------	----------------	-----------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08b (07-09)

Approved for use through 07/31/2012. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/571,214-Conf. #2216
				Filing Date	March 9, 2006
				First Named Inventor	
				Art Unit	1795
				Examiner Name	M. A. Band
Sheet	3	of	3	Attorney Docket Number	GPI-11602/38

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	CA	Roth, "Industrial Plasma Engineering, vol. 1: Principles, reference section 3.4.2", IOP Publishing, Ltd. 1995, pp. 75-79..	
	CB	Musil, et al., "Unbalanced magnetrons and new sputtering systems with enhanced plasma ionization", American Vacuum Society, Journal of Vacuum Science and Technology A 9 (3), May/Jun. 1991, pp. 1171-1177..	
	CC	Decker, et al., "Surface Functionalization of Polymer Films and Webs Using Subatmospheric Plasmas", Society of Vacuum Coaters 41st Annual Technical Conference Proceedings, 1998, pp. 355-357..	
	CD	Belkind, et al., "Magnetic biasing effects while using an unbalanced planar magnetron", American Vacuum Society, Journal of Vacuum Science and Technology A 11 (3), May/Jun. 1993, pp. 642-646..	

Examiner Signature	/Michael Band/	Date Considered	06/03/2010
--------------------	----------------	-----------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /M.B./